

# INDEXES TO VOLUME 16

## Author Index

- Alford, W. C., Jr., 201  
 Amari, J., 11  
 Amato, J. J., 163  
 Anagnostopoulos, C. E., 458  
 Angelini, P., 518  
 Arbulu, A., 136  
 Arcilla, R. A., 458  
 Armstrong, R. G., 44, 480  
 Arnold, H. S., 85  
 Ashcraft, K. W., 273, 409\*  
 Athanasoulas, C. L., 458  
 Attai, L. A., 172  
 Attar, S., 555  
 Austen, W. G., 435, 598  
 Austin, R. L., 624  
 Aylward, T. D., 620
- Barnes, W. T., 526  
 Barsamian, E. M., 317  
 Beall, A. C., Jr., 42,\* 52, 140\*  
 Becker, R. M., 228  
 Benfield, J. R., 67, 538  
 Berger, R. L., 50,\* 217, 433, 505, 609\*  
 Billingham, M., 325  
 Black, L. L., 19  
 Bloodwell, R. D., 119\*  
 Blumenfeld, W., 184  
 Blumenstock, D. A., 182\*  
 Blundell, P. E., 361  
 Boehme, G., 583  
 Borik, S., 344  
 Braunwald, N. S., 349  
 Bricker, D. L., 388\*  
 Bryant, L. R., 568  
 Buckley, M. J., 260,\* 435, 598  
 Burke, W. A., 547  
 Burrus, G. R., 201
- Calhoon, J. H., 85  
 Calvin, J. W., 133\*  
 Cameron, J. L., 193  
 Carey, J. S., 492  
 Carpentier, A., 41,\* 111  
 Castaneda, A. R., 416
- Caves, P. K., 325  
 Cheanvechai, C., 249  
 Clarke, C. P., 411  
 Cline, R. E., 44, 480  
 Coffin, L. H., 199  
 Cole, C. M., 361  
 Collins, J. J., Jr., 259\*  
 Cooley, D. A., 99, 380, 518  
 Couves, C. M., 583  
 Cox, W. A., 248\*  
 Crawford, F. A., 614
- Daggett, W. M., 435, 598  
 Dahlin, D. C., 531  
 Danielson, G. K., Jr., 409\*  
 Davey, T. B., 344  
 Dawson, J. T., 380  
 DeCamp, P. T., 79  
 deGuzman, V. C., 308  
 de Leval, M., 464  
 Deloche, A., 111  
 DeMeester, T. R., 193  
 DeMeules, J. E., 199  
 Demos, N. J., 293  
 Denman, R., 184  
 Deverall, P. B., 301  
 Dobell, A. R. C., 228  
 Donnelly, R. J., 301  
 Drews, J. A., 67  
 DuBost, C., 111  
 Dunn, G. L., 158
- Ebert, P. A., 402  
 Edwards, W. S., 120\*  
 Effler, D. B., 6,\* 120,\* 249  
 Ellis, F. H., Jr., 553\*  
 English, T. A., 281
- Faber, L. P., 163  
 Feinberg, E., 293  
 Feldman, M., 518  
 Ferguson, T. B., 155\*  
 Fishman, N. H., 237\*  
 Fisk, R. L., 583

July issue, pp. 1-110; August issue, pp. 111-216; September issue, pp. 217-324; October issue, pp. 325-434; November issue, pp. 435-546; December issue, pp. 547-660.

\*Discussion.

## Author Index

- Flege, J. B., Jr., 620  
 Fleming, W. H., 127  
 Flemma, R. J., 607\*  
 Frechette, C., 111  
 Fry, W. A., 170\*  
 Furman, R. W., 568
- Galbraith, N. F., 239  
 Garcia, E., 380  
 Gattiker, K., 30  
 Gauger, D. W., 368  
 Gay, W. A., Jr., 402  
 Gentsch, T. O., 261  
 Gerard, F. P., 64\*  
 Gill, C. C., 445  
 Glass, B. A., 109  
 Gliedman, M. L., 172  
 Gold, H. K., 435, 598  
 Goldberg, M., 141  
 Gosselin, A. J., 261  
 Gott, V. L., 193  
 Green, G. E., 118\*  
 Greenberg, J. J., 348\*  
 Gresen, A. A., 531  
 Griffen, W. O., 568  
 Grillo, H. C., 147,\* 299\*  
 Groves, L. K., 249  
 Guermonprez, J. L., 111  
 Guillebeau, J., 480  
 Gupta, S., 11
- Haglin, J. J., 368  
 Hagstrom, J. W. C., 172  
 Hall, R. J., 380  
 Hallman, G. L., 99, 380  
 Hankins, J., 555  
 Harrison, R. W., 97\*  
 Hart, N. C., 337  
 Hatch, H. B., Jr., 79  
 Hatcher, C. R., Jr., 127, 337, 660  
 Heimbecker, R. O., 226\*  
 Helseth, H. K., 368  
 Hendricks, G. L., Jr., 526  
 Hennessy, V. L., Jr., 536  
 Hinshaw, M. A., 568  
 Hirose, T., 471  
 Hood, R. M., 85  
 Hughes, R. K., 7, 492, 635  
 Hutchinson, J. E., III, 389\*  
 Hyde, L., 104  
 Hyland, J. W., 239
- Iben, A. B., 608\*  
 Ikins, P. M., 547  
 Intaglietta, M., 349
- Jensik, R. J., 96,\* 163  
 Jirsch, D. W., 583  
 Johnson, W. D., 1  
 Jordan, G. L., Jr., 52
- Kabbani, S. S., 518  
 Kafi, A., 136
- Kahn, D. R., 335\*  
 Karlson, K. E., 50\*  
 Kaufman, B., 344  
 Kaufman, S., 172  
 Kawakami, M., 172  
 Kay, E. B., 120,\* 259\*  
 Kay, J. H., 42\*  
 Kayser, K. L., 1  
 Kendall, R. W., 259\*  
 Kennedy, J. H., 119,\* 156,\* 367\*  
 Kilman, J. W., 400\*  
 King, S. B., 337  
 Kirksey, T. D., 85  
 Kirsh, M. M., 96,\* 375  
 Kittle, F. C., 169\*  
 Klebanoff, G., 44  
 Koerner, S. K., 172  
 Kunderman, P. J., 148
- Laforet, E. G., 105  
 Lambird, P. A., 624  
 Larsen, P. B., 261  
 Lauterstein, J., 11  
 Leachman, R. D., 518  
 Lee, R., 375  
 Leinbach, R. C., 435, 598  
 Lepage, G., 389\*  
 Lerman, D. S., 526  
 Lewis, R. J., 148  
 Litchford, B., 349  
 Loop, F. D., 249  
 Lower, R. R., 454  
 Lynfield, J., 108  
 Lyons, W. S., 308
- Mackenzie, J. W., 148  
 Mansour, K. A., 78,\* 127, 337  
 Marshall, D., 471  
 Martin, M., 158  
 Mason, G. R., 555  
 Matson, J. L., 239  
 Mattox, K. L., 52  
 McCally, D., 293  
 McComb, R. J., 19  
 McCredie, R. M., 512  
 McCue, C. M., 454  
 McEnany, M. T., 281  
 McGoon, D. C., 122  
 McGough, E. C., 7  
 McKeon, J., 293  
 McLaughlin, J. S., 132,\* 155,\* 555  
 Mercer, E. C., 67  
 Merin, G., 122  
 Messmer, B. J., 30  
 Miller, G. E., Jr., 344  
 Mitnick, H., 293  
 Modry, D. L., 583  
 Moller, J. H., 416  
 Monson, D. O., 163  
 Mosley, P. W., 79  
 Mulder, D. S., 361  
 Mundth, E. D., 435, 598

\*Discussion.

- Munnell, E. R., 624  
 Murphy, D. A., 158  
 Myers, W. O., 227\*
- Naef, A. P., 84,\* 146\*  
 Najafi, H., 237\*  
 Nathan, M. J., 610  
 Nelson, C. B., 492  
 Neville, W. E., 300\*  
 Newman, G. E., 445  
 Nghiem, Q. X., 273  
 Nimbkar, N. V., 574  
 Nishimura, A., 273  
 Norman, J. C., 49\*
- Oldham, H. N., Jr., 445  
 O'Neill, T. J. E., 132,\* 574  
 Oran, E., 11  
 O'Rourke, P. T., 375  
 Overton, T., 583  
 Ozdemir, I. A., 547
- Padula, R. T., 273  
 Paulson, D. L., 146,\* 239  
 Payne, W. S., 531  
 Peabody, J. W., Jr., 308  
 Pearson, F. G., 141  
 Pecora, D. V., 156\*  
 Peterson, C. R., 368  
 Peterson, L. F. A., 531  
 Piccone, V. A., 11  
 Pledst, W. G., 492  
 Poirier, N., 158  
 Potter, R., 11
- Ramirez, R., 555  
 Razzuk, M. A., 239  
 Read, R. C., 97\*  
 Replogle, R. L., 399\*  
 Reul, G. J., Jr., 52  
 Rhodes, E. L., 375  
 Riemer, R. W., 553\*  
 Roe, B. B., 51,\* 134,\* 140,\* 238,\* 367,\* 410\*  
 Rosensweig, J., 444,\* 609\*  
 Ross, D. N., 281, 389\*  
 Rothlin, M., 30  
 Rumel, W. R., 41\*
- Sacks, E., 492  
 Saini, V. K., 505  
 Sakakibara, S., 429  
 Salvay, H., 492  
 Sandiford, F. M., 99, 380  
 Sasahara, A. A., 317  
 Sawyer, P. N., 443\*  
 Scott, H. J., 361  
 Scott, M. L., 79, 170\*  
 Scott, S. M., 614  
 Sekiguchi, M., 429  
 Senning, A., 30  
 Seremetis, M. G., 308  
 Sethi, G. K., 614
- Shammash, J. B., 63\*  
 Shannon, J. P., 629  
 Sheldon, W. C., 249  
 Shepard, R. B., 133\*  
 Shields, T. W., 147\*  
 Shizgal, H. M., 228  
 Shumway, N. E., 325  
 Siegelman, S. S., 172  
 Silver, G. M., 169\*  
 Silver, M. D., 19  
 Silverman, M. E., 337  
 Sisler, G. E., 148  
 Smeloff, E. A., 344  
 Solis, R. M., 239  
 Sones, F. M., Jr., 249  
 Sparks, C. H., 629  
 Stanford, W., 44, 414, 480  
 Stark, J., 464  
 Stenlund, R. R., 368  
 Stinson, E. B., 325  
 Stoncy, W. S., 201  
 Straker, J., 375  
 Subramanian, S., 391  
 Swaye, P. S., 261  
 Symbas, P. N., 64\*
- Takaro, T., 614  
 Tate, R. S., 85  
 Taylor, F. H., 170\*  
 Tector, A. J., 65,\* 388\*  
 Thomas, C. S., Jr., 201  
 Thoms, N. W., 136  
 Timmes, J. J., 293  
 Torda, T. A., 512  
 Traad, E. A., 261  
 Trinkle, J. K., 568  
 Turina, M., 349  
 Turney, S. Z., 184, 555
- Ullyot, D. J., 536  
 Urschel, H. C., Jr., 239
- Veith, F. J., 155,\* 172
- Wada, J. J., 43,\* 157,\* 171\*  
 Wagner, H., 391  
 Waterston, D. J., 464  
 Watson, D. A., 301  
 Webb, W. R., 63,\* 102, 608\*  
 Wechsler, A. S., 445  
 Weissberg, D., 141  
 Wertheimer, M., 416  
 Wilcox, B. R., 509  
 Wilson, R. F., 65,\* 77,\* 136  
 Winsberg, F., 361  
 Winter, B., 648  
 Wolf, S., 184  
 Wood, R. E., 239  
 Wood, W. C., 454  
 Wright, J. S., 106, 512  
 Wukasch, D. C., 99, 380
- Yeo, B., 11

\*Discussion.

# Subject Index

- Allograft.** *See* Graft(s); Transplantation; and specific organ
- American Board of Thoracic Surgery** notice, 10
- Anastomosis.** *See also* Prosthesis; Revascularization
- aorta-to-right pulmonary artery, causing obstruction of right pulmonary artery (Gay and Ebert), 402
  - aorta-to-right pulmonary artery (Waterston), method of closure during corrective operation (Clarke), *HOW TO DO IT*, 411
  - Blalock-Taussig shunts in the infant (Wood et al.), 454
  - direct internal mammary-to-coronary artery, and aortocoronary vein bypass graft, comparative study (Hirose and Marshall), 471
  - growth of tracheal anastomoses, experimental study in weanling pigs (Murphy et al.), 158
- Aneurysms.** *See* Blood vessels, aneurysm(s)
- Angina**
- expanded indication for coronary surgery (Johnson and Kayser), 1
  - Prinzmetal's, and myocardial infarction produced by coronary artery spasm in the absence of coronary atherosclerosis (King et al.), 337
  - surgical management of coexisting coronary artery disease and idiopathic hypertrophic subaortic stenosis (Oran et al.), 11
  - surgical management of preinfarction syndrome (Traad et al.), 261
- Aorta.** *See* Blood vessels, aorta
- Assisted circulation.** *See* Cardiopulmonary bypass; Balloon pumping, intraaortic
- Atrial septal defect.** *See* Heart, atrial septal defect
- Atrium.** *See* Heart, atrium
- Balloon pumping, intraaortic**
- for augmentation and redistribution of myocardial blood flow during acute ischemia (Gill et al.), 445
  - and emergency coronary arterial revascularization for acute myocardial infarction with impending extension (Mundth et al.), 435
  - surgical management of ventricular septal defects and mitral regurgitation complicating acute myocardial infarction (Buckley et al.), 598
- Biopsy**
- diagnostic thoracoscopy (DeCamp et al.), 79
  - endomyocardial
  - percutaneous transvenous, in human heart recipients, new technique (Caves et al.), 325
  - technique, wider application of (Sakakibara and Sekiguchi), EDITORIAL, 429
- Blalock-Taussig procedure.** *See* Anastomosis
- Blood vessels.** *See also* Anastomosis; Graft(s); Revascularization
- aneurysm(s)
    - abdominal, ultrasonic "B" scanning of (Mulder et al.), 361
    - ascending aortic, with associated aortic regurgitation (Helseth et al.), 368
    - vascular injury following heart valve replacement (Black et al.), 19
    - ventricular
      - aortocoronary saphenous vein bypass (Cooley et al.), 380
- aorta**
- acute traumatic rupture of, repair without vascular prosthesis (McGough and Hughes), 7
  - ascending aortic aneurysms with associated aortic regurgitation (Helseth et al.), 368
  - repair of through-and-through gunshot wound of aortic arch using heparinized shunt (DeMeester et al.), CASE REPORT, 193
  - aorta-to-right pulmonary artery anastomosis causing obstruction of right pulmonary artery (Gay and Ebert), 402
  - carotid body resection (Winter), COLLECTIVE REVIEW, 648
  - carotid endarterectomy (Hughes), *HOW TO DO IT*, 635
  - effect of levarterenol and phentolamine on hypertensive pulmonary vasculature (Rhodes et al.), 375
  - mixed type of total anomalous pulmonary venous drainage (de Leval et al.), 464
  - pulmonary hypertension and congenital heart disease (Wertheimer et al.), CURRENT REVIEW, 416
  - single (left) superior vena cava draining into left atrium (Kabbani et al.), CASE REPORT, 518
  - total right anomalous pulmonary venous connection (Wright et al.), CASE REPORT, 512

July issue, pp. 1-110; August issue, pp. 111-216; September issue, pp. 217-324; October issue, pp. 325-434; November issue, pp. 435-546; December issue, pp. 547-660.

Book reviews

*Cardiac Surgery* (2d ed.), edited by John C. Norman (Hatcher), 660

*Cave of the Surgical Cardiopulmonary Patient*, by William E. Neville (Glass), 109

Bronchoscopy

about flexible fiberoptic (Benfield), EDITORIAL, 538

flexible fiberoptic (Faber et al.), 163

Bronchus

use of automatic stapling devices in pulmonary resection (Hood et al.), 85

Cannula

convenient cannulation technique for transposition surgery (Wilcox), HOW TO DO IT, 509

Cardiac surgery

how many cardiac surgical programs? (Webb), EDITORIAL, 102

Cardiopulmonary bypass

distribution of coronary blood flow during, in pigs, possible implications for left ventricular hemorrhagic necrosis (Becker et al.), 228

extended total, in puppies (Litchford et al.), 349

extracorporeal circulation in hypothermia for total-body washout in stage IV hepatic coma (Cline et al.), 44

operative management of massive chest trauma, use in (Reul et al.), 52

primary papilloma of trachea (Aylward and Flege), CASE REPORT, 620

pulmonary embolectomy with preoperative circulatory support (Berger), 217; defense of (Berger), CORRESPONDENCE, 433

Carotid body resection (Winter), COLLECTIVE REVIEW, 648

Chest wall. *See* Thorax

Collective and current reviews

aorta-to-coronary artery bypass grafting, indications and contraindications (Thomas et al.), 201

carotid body resection (Winter), 648

pulmonary hypertension and congenital heart disease (Wertheimer et al.), 416

Congenital heart disease. *See* Heart, congenital heart disease

Coronary arteries. *See* Heart, coronary arteries

Coronary artery disease. *See* Heart, coronary artery disease

Correspondence

defense of Bilateral simultaneous pleurodesis by median sternotomy for spontaneous pneumothorax, by Kalnins et al. (Wright), 106

defense of Pulmonary embolectomy with preoperative circulatory support (Berger), 433

reply to Bilateral simultaneous pleurodesis by median sternotomy for spontaneous

pneumothorax, by Kalnins et al. (Hyde), 104; (Laforet), 105

reply to Surgical correction of transposition of great vessels, by Albert et al. (Lynfield), 108

Diaphragm

acute diaphragmatic injuries (Drews et al.), 67

hiatus hernia with and without esophageal stricture, experience with Belsey Mark IV repair (Donnelly et al.), 301

paraeophageal hernia, a life-threatening disease (Ozdemir et al.), 547

Doppler shift

new method for intraoperative detection of intracardiac air prior to discontinuance of bypass (Borik et al.), 344

Dressing, thoracic. *See* Materials for surgery

Editorials

about flexible fiberoptic bronchoscopy (Benfield), 538

another look at pulmonary embolectomy (Sasahara and Barsamian), 317

how many cardiac surgical programs? (Webb), 102

wider application of endomyocardial biopsy technique (Sakakibara and Sekiguchi), 429

Embolectomy, pulmonary

another look at (Sasahara and Barsamian), EDITORIAL, 317

with preoperative circulatory support (Berger), 217; defense of (Berger), CORRESPONDENCE, 433

Embolism

air

new method for intraoperative detection of intracardiac air prior to discontinuance of bypass (Borik et al.), 344

systemic emboli due to cloth wear in Starr-Edwards model 2320 aortic prosthesis (Crawford et al.), CASE REPORT, 614

Emphysema, lobar, of infancy, caused by polyalveolar lobe (Munnell et al.), CASE REPORT, 624

Endarterectomy, carotid (Hughes), HOW TO DO IT, 635

Endocarditis. *See* Heart

Esophagus

hiatus hernia with and without esophageal stricture, experience with Belsey Mark IV repair (Donnelly et al.), 301

leiomyoma of (Seremetis et al.), 308

paraeophageal hernia, a life-threatening disease (Ozdemir et al.), 547

peroral esophageal intubation for obstructive carcinoma of (Lewis et al.), 148

Extracorporeal circulation. *See* Cardiopulmonary bypass

## Subject Index

- Flexible fiberoptic bronchoscopy. *See* Bronchoscopy
- Graft(s). *See also* Prosthesis; Revascularization; Transplantation; and *specific organ*
- aorta-to-coronary radial artery bypass, technique avoiding pathological changes in (Carpentier et al.), 111
  - ascending aortic aneurysms with associated aortic regurgitation (Helseth et al.), 368
  - diagnosis and reversal of rejection in experimental and clinical lung allografts (Veith et al.), 172
  - reoperation after insertion of aortic homograft as right ventricular outflow tract (Merin and McGoon), 122
- Heart. *See also* Graft(s); Heart valves, prosthetic; Myocardial infarction
- atrial septal defect
    - total right anomalous pulmonary venous connection (Wright et al.), CASE REPORT, 512
  - atrium, left, single (left) superior vena cava draining into (Kabbani et al.), CASE REPORT, 518
  - congenital heart disease
    - mixed type of total anomalous pulmonary venous drainage (de Leval et al.), 464
    - pulmonary hypertension and (Wertheimer et al.), CURRENT REVIEW, 416
    - right ventricular outflow tract, reoperation after insertion of aortic homograft as (Merin and McGoon), 122
    - single (left) superior vena cava draining into left atrium (Kabbani et al.), CASE REPORT, 518
    - total right anomalous pulmonary venous connection (Wright et al.), CASE REPORT, 512
  - coronary arteries
    - distribution of coronary blood flow during cardiopulmonary bypass in pigs, possible implications for left ventricular hemorrhagic necrosis (Becker et al.), 228
    - exposure of circumflex coronary artery (DeMeules and Coffin), HOW TO DO IT, 199
  - coronary artery disease
    - coexisting with idiopathic hypertrophic subaortic stenosis, surgical management (Oran et al.), 11
    - coronary artery spasm producing Prinzmetal's angina and myocardial infarction in the absence of coronary atherosclerosis (King et al.), 337
    - expanded indication for coronary surgery (Johnson and Kayser), 1
    - myocardial infarction. *See* Myocardial infarction
    - exposure of circumflex coronary artery (DeMeules and Coffin), HOW TO DO IT, 199
- human, recipients of, new technique for percutaneous transvenous endomyocardial biopsy in (Caves et al.), 325
- new method for intraoperative detection of intracardiac air prior to discontinuance of bypass (Borik et al.), 344
- reoperation after insertion of aortic homograft as right ventricular outflow tract (Merin and McGoon), 122
- right-sided bacterial endocarditis, new concepts in treatment of uncontrollable infection (Arbulo et al.), 136
- tetralogy of Fallot
- aorta-to-right pulmonary artery anastomosis causing obstruction of right pulmonary artery (Gay and Ebert), 402
  - aorta-to-right pulmonary artery (Waterson) anastomosis during corrective operation, method of closure (Clarke), HOW TO DO IT, 411
  - Blalock-Taussig shunts in the infant (Wood et al.), 454
- transposition of great arteries
- convenient cannulation technique for transposition surgery (Wilcox), HOW TO DO IT, 509
  - correction in infants under surface-induced deep hypothermia (Subramanian and Wagner), 391
  - rational operation for (Anagnostopoulos et al.), 458
  - reply to Surgical correction of transposition of great vessels, by Albert et al. (Lynfield), CORRESPONDENCE, 108
- ventricle
- augmentation and redistribution of myocardial blood flow during acute ischemia by intraaortic balloon pumping (Gill et al.), 445
  - distribution of coronary blood flow during cardiopulmonary bypass in pigs, possible implications for left ventricular hemorrhagic necrosis (Becker et al.), 228
  - reoperation after insertion of aortic homograft as right ventricular outflow tract (Merin and McGoon), 122
  - right, double-chambered (Ashcraft et al.), 275
  - stone heart, development of canine model with ultrastructural survey and metabolic manipulation (Armstrong et al.), 480
  - ventricular septal defect(s)
    - and mitral regurgitation complicating acute myocardial infarction, surgical management (Buckley et al.), 598
    - transaortic repair of (Cooley et al.), HOW TO DO IT, 99
- wider application of endomyocardial biopsy

- technique (Sakakibara and Sekiguchi), EDITORIAL, 429
- Heart valve(s)**  
functional rehabilitation after cardiac valve surgery (Carey et al.), 492
- mitral**  
congenitally cleft posterior mitral valve leaflet, antecedent to mitral regurgitation (McEnany et al.), 281  
reconstruction of (Messmer et al.), 30  
strut fracture, late complication of Beall mitral valve replacement (Nathan), CASE REPORT, 610  
surgical management of ventricular septal defects and mitral regurgitation complicating acute myocardial infarction (Buckley et al.), 598  
vascular injury following heart valve replacement (Black et al.), 19
- mitral regurgitation**  
congenitally cleft posterior mitral valve leaflet, antecedent to (McEnany et al.), 281  
and ventricular septal defects, surgical management of acute myocardial infarction complicated by (Buckley et al.), 598
- prosthetic**  
continuous suture technique for mitral valve replacement (Berger and Saini), HOW TO DO IT, 505  
functional rehabilitation after cardiac valve surgery (Carey et al.), 492  
strut fracture, late complication of Beall mitral valve replacement (Nathan), CASE REPORT, 610  
systemic emboli due to cloth wear in Starr-Edwards model 2320 aortic prosthesis (Crawford et al.), CASE REPORT, 614  
right-sided bacterial endocarditis, new concepts in treatment of uncontrollable infection (Arbulu et al.), 136
- Hemodynamics**  
augmentation and redistribution of myocardial blood flow during acute ischemia by intraaortic balloon pumping (Gill et al.), 445  
distribution of coronary blood flow during cardiopulmonary bypass in pigs, possible implications for left ventricular hemorrhagic necrosis (Becker et al.), 228  
effect of acute autonomic denervation on pulmonary vascular resistance (Nimbkar and O'Neill), 574  
effect of levarterenol and phentolamine on hypertensive pulmonary vasculature (Rhodes et al.), 375  
expanded indication for coronary surgery (Johnson and Kayser), 1  
pulmonary hypertension and congenital heart disease (Wertheimer et al.), CURRENT REVIEW, 416
- Hepatic coma, stage IV, extracorporeal circulation in hypothermia for total-body washout in (Cline et al.), 44
- Hernia**  
diaphragmatic  
acute diaphragmatic injuries (Drews et al.), 67  
hiatus, with and without esophageal stricture, experience with Belsey Mark IV repair (Donnelly et al.), 301  
paracosophageal, a life-threatening disease (Ozdemir et al.), 547
- Homograft. See Graft(s); Transplantation; and specific organ**
- How to do it**  
carotid endarterectomy (Hughes), 635  
continuous suture technique for mitral valve replacement (Berger and Saini), 505  
convenient cannulation technique for transposition surgery (Wilcox), 509  
exposure of circumflex coronary artery (DeMeules and Coffin), 199  
improved method for repair of pectus chest deformities (Shannon and Sparks), 629  
method of closure of aorta-to-right pulmonary artery (Waterston) anastomosis during corrective operation (Clarke), 411  
transaortic repair of ventricular septal defect (Cooley et al.), 99
- Hypertension**  
effect of levarterenol and phentolamine on hypertensive pulmonary vasculature (Rhodes et al.), 375  
pulmonary, and congenital heart disease (Wertheimer et al.), CURRENT REVIEW, 416
- Hypothermia, surface-induced deep, for correction of transposition of great arteries in infants (Subramanian and Wagner), 391**
- Infectious diseases**  
*Dirofilaria immitis*, cause of pulmonary coin lesions in human beings (Hendricks et al.), CASE REPORT, 526  
right-sided bacterial endocarditis, new concepts in treatment of uncontrollable infection (Arbulu et al.), 136
- Intracardiac air, new method for intraoperative detection prior to discontinuance of bypass (Borik et al.), 344**
- Intubation, peroral esophageal. See Esophagus**
- Levarterenol and phentolamine, effect on hypertensive pulmonary vasculature (Rhodes et al.), 375**
- Lung. See also Graft(s)**  
allografts, experimental and clinical, diagnosis and reversal of rejection in (Veith et al.), 172



## Subject Index

### Lung—Continued

"benign" giant cell tumor of bone metastasizing to (Gresen et al.), CASE REPORT, 531

*Dirofilaria immitis*, cause of pulmonary coin lesions in human beings (Hendricks et al.), CASE REPORT, 526

dog, isolated, hypothermic perfusion preservation of (Modry et al.), 583

effect of acute autonomic denervation on pulmonary vascular resistance (Nimbkar and O'Neill), 574

effect of levarterenol and phentolamine on hypertensive pulmonary vasculature (Rhodes et al.), 375

#### pleura

diagnostic thoracoscopy (DeCamp et al.), 79

#### pleurodesis

defense of Bilateral simultaneous pleurodesis by median sternotomy for spontaneous pneumothorax, by Kalnins et al. (Wright), CORRESPONDENCE, 106

reply to Bilateral simultaneous pleurodesis by median sternotomy for spontaneous pneumothorax, by Kalnins et al. (Hyde), CORRESPONDENCE, 104; (Laforet), CORRESPONDENCE, 105

polyalveolar lobe causing lobar emphysema of infancy (Munnell et al.), CASE REPORT, 624

pulmonary contusion, pathogenesis and effect of various resuscitative measures (Trinkle et al.), 568

pulmonary hypertension and congenital heart disease (Wertheimer et al.), CURRENT REVIEW, 416

respiratory monitoring, recent developments in automatic monitoring of gas concentration, flow, pressure, and temperature (Turney et al.), 184

thoracoscopy, diagnostic (DeCamp et al.), 79

use of automatic stapling devices in pulmonary resection (Hood et al.), 85

### Materials for surgery

improved chest dressing (Hennessy and Ulliot), NOTE, 536

insulated covering for temporary pacemaker leads (Stanford), NOTE, 414

### Metastasis. See Tumor

### Myocardial infarction

#### acute

complicated by ventricular septal defects and mitral regurgitation, surgical management (Buckley et al.), 598

early and late phases, aortocoronary artery graft during (Cheanvechai et al.), 249

with impending extension, intraaortic balloon pumping and emergency coronary arterial revascularization for (Mundth et al.), 435

augmentation and redistribution of myocardial blood flow during acute ischemia by intraaortic balloon pumping (Gill et al.), 445

and Prinzmetal's angina produced by coronary artery spasm in the absence of coronary atherosclerosis (King et al.), 337

surgical management of preinfarction syndrome (Traad et al.), 261

Obstruction. See Stenosis and specific organ or structure

### Pacemaker

initial experience with sutureless, screw-in electrode for cardiac pacing (Mansour et al.), 127

leads, temporary, insulated covering for (Stanford), NOTE, 414

Pectus excavatum. See Thorax

Phentolamine. See Levarterenol and phentolamine

Pleura. See Lung, pleura

Pleurodesis. See Lung, pleurodesis

Prosthesis. See also Heart valves, prosthetic

ascending aortic aneurysms with associated aortic regurgitation (Helseth et al.), 368

silicone, tracheal regeneration in long-term survivors with (Demos et al.), 293

Pulmonary embolectomy. See Embolectomy, pulmonary

Rejection. See also Graft(s); Transplantation

in experimental and clinical lung allografts, diagnosis and reversal of (Veith et al.), 172

percutaneous transvenous endomyocardial biopsy in human heart recipients, new technique (Caves et al.), 325

wider application of endomyocardial biopsy technique (Sakakibara and Sekiguchi), EDITORIAL, 429

### Respiration. See Lung

#### Revascularization

aorta-to-coronary artery bypass grafting, indications and contraindications (Thomas et al.), CURRENT REVIEW, 201

aorta-to-coronary radial artery bypass graft, technique avoiding pathological changes in grafts (Carpentier et al.), 111

aortocoronary artery graft during early and late phases of acute myocardial infarction (Cheanvechai et al.), 249

aortocoronary saphenous vein bypass (Cooley et al.), 380

comparative study of direct internal mammary-to-coronary artery anastomosis and aortocoronary vein bypass graft (Hirose and Marshall), 471



- coronary artery spasm producing Prinzmetal's angina and myocardial infarction in the absence of coronary atherosclerosis (King et al.), 337
- emergency coronary arterial, and intra-aortic balloon pumping for acute myocardial infarction with impending extension (Mundth et al.), 435
- expanded indication for coronary surgery (Johnson and Kayser), 1
- exposure of circumflex coronary artery (DeMeules and Coffin), HOW TO DO IT, 199
- surgical management of coexisting coronary artery disease and idiopathic hypertrophic subaortic stenosis (Oran et al.), 11
- surgical management of preinfarction syndrome (Traad et al.), 261
- Shunt. *See also* Anastomosis
- heparinized, in repair of through-and-through gunshot wound of aortic arch (DeMeester et al.), CASE REPORT, 193
- Society of Thoracic Surgeons, The
- eighth postgraduate program, 541
- notices, 110, 216, 324
- program for tenth annual meeting, 543
- Southern Thoracic Surgical Association
- notices, 98, 162
- program for twentieth annual meeting, 321
- Spontaneous pneumothorax. *See* Lung, pleurodesis
- Stapler
- use of automatic stapling devices in pulmonary resection (Hood et al.), 85
- Stenosis
- hiatus hernia with and without esophageal stricture, experience with Belsey Mark IV repair (Donnelly et al.), 301
- idiopathic hypertrophic subaortic, and coexisting coronary artery disease, surgical management (Oran et al.), 11
- primary papilloma of (Aylward and Flege), CASE REPORT, 620
- tracheal obstruction (Attar et al.), 555
- vascular injury following heart valve replacement (Black et al.), 19
- Stone heart. *See* Heart, ventricle
- Stricture. *See* Stenosis
- Strut fracture. *See* Heart valve(s), prosthetic
- Tetralogy of Fallot. *See* Heart, tetralogy of Fallot
- Thorax
- improved method for repair of pectus chest deformities (Shannon and Sparks), HOW TO DO IT, 629
- operative management of massive chest trauma (Reul et al.), 52
- thoracic outlet syndrome masquerading as coronary artery disease (pseudoangina) (Urschel et al.), 239
- Thymoma (Weissberg et al.), 141
- Total-body washout in stage IV hepatic coma, extracorporeal circulation in hypothermia for (Cline et al.), 44
- Trachea
- growth of tracheal anastomoses, experimental study in weanling pigs (Murphy et al.), 158
- primary papilloma of (Aylward and Flege), CASE REPORT, 620
- tracheal obstruction (Attar et al.), 555
- tracheal regeneration in long-term survivors with silicone prosthesis (Demos et al.), 293
- Transplantation
- diagnosis and reversal of rejection in experimental and clinical lung allografts (Veith et al.), 172
- effect of acute autonomic denervation on pulmonary vascular resistance (Nimbkar and O'Neill), 574
- hypothermic perfusion preservation of isolated dog lung (Modry et al.), 583
- percutaneous transvenous endomyocardial biopsy in human heart recipients, new technique (Caves et al.), 325
- wider application of endomyocardial biopsy technique (Sakakibara and Sekiguchi), EDITORIAL, 429
- Transposition of great arteries. *See* Heart, transposition of great arteries
- Trauma
- acute diaphragmatic injuries (Drews et al.), 67
- acute traumatic rupture of aorta, repair without vascular prosthesis (McGough and Hughes), 7
- chest, massive, operative management (Reul et al.), 52
- pulmonary contusion, pathogenesis and effect of various resuscitative measures (Trinkle et al.), 568
- repair of through-and-through gunshot wound of aortic arch using heparinized shunt (DeMeester et al.), CASE REPORT, 193
- vascular injury following heart valve replacement (Black et al.), 19
- Tube
- peroral esophageal intubation (Haering tube) for obstructive carcinoma of esophagus (Lewis et al.), 148
- Tumor
- "benign" giant cell, of bone, metastasizing to lung (Gresen et al.), CASE REPORT, 531
- diagnostic thoracoscopy (DeCamp et al.), 79
- leiomyoma of esophagus (Seremetis et al.), 308
- peroral esophageal intubation for obstruc-

## *Subject Index*

### **Tumor—Continued**

- tive carcinoma of esophagus (Lewis et al.), 148
- primary papilloma of trachea (Aylward and Flege), CASE REPORT, 620
- thymoma (Weissberg et al.), 141
- tracheal obstruction (Attar et al.), 555

### **Ultrasound**

- new method for intraoperative detection of intracardiac air prior to discontinuance of bypass (Borik et al.), 344

- ultrasonic "B" scanning of abdominal aneurysms (Mulder et al.), 361

### **Ventilation**

- operative management of massive chest trauma (Reul et al.), 52

Ventricle. *See* Heart, ventricle

Ventricular septal defect. *See* Heart, ventricular septal defect

Waterston procedure. *See* Anastomosis

